



## Pure-Fit® ZSV Silicone Vacuum Hose

## Pure-Fit® ZSM Silicone Reinforced Hose

### Flexible biocompatible silicone hose

Pure-Fit® ZSV is a wire reinforced hose designed for use in aseptic bioprocessing suites. Its inner wrapped core and outer jacket are made from platinum-cured silicone. It withstands full vacuum at room temperature and has an excellent bend radius.

Pure-Fit® ZSM is a high-performance fabric reinforced hose designed for use in aseptic bioprocessing suites which use require high pressure processing. Its inner wrapped core and outer jacket are made from platinum-cured silicone.

### Biocompatibility

Pure-Fit® ZSV and Pure-Fit® ZSM hoses are manufactured from the finest grade of silicone materials tested to meet USP Class VI criteria. No animal derived components are used to manufacture Pure-Fit® ZSV or Pure-Fit® ZSM.

### Features / Benefits

- Extremely flexible
- Durable
- Outstanding pressure-rating
- Pigmented outer cover available
- Available in lengths up to 98 feet

### Typical applications

- Sanitary bulk product transfer
- CIP supply
- WFI transfer
- Load cell vibration isolation

Distributed by:

**Tri-Canada**

7033 Telford Way #20, Mississauga, ON L5S 1V4  
Tel: 905.677.9000 • Toll Free: 1.800.486.7863  
[www.tricanada.com](http://www.tricanada.com)

## Sterilization Methods

- Steam 135°C for up to 90 minutes
- Cool >1hr between cycles

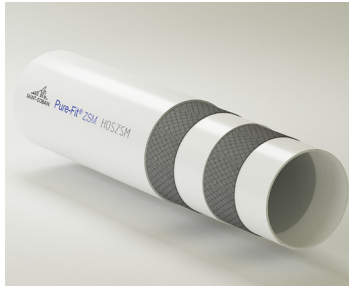


### Pure-Fit® ZSV Selection Guide

Part Number	Nominal ID	Minimum Bend Radius	Max Recommended Operating Pressure	Vacuum Rating	Minimum Burst	Max Length
	in. (mm)	in. (mm)	(psi) 65°F (18°C)	(in Hg)	(psi) 65°F (18°C)	ft (m)
HOSZSV-08	1/2 (12.7)	2-1/2 (63.5)	109	29.9	435	98 (29.9)
HOSZSV-12	3/4 (19.1)	3 (76.2)	109	29.9	435	98 (29.9)
HOSZSV-16	1 (25.4)	3-1/2 (88.9)	109	29.9	435	98 (29.9)
HOSZSV-24	1-1/2 (38.1)	5-1/2 (139.7)	109	29.9	435	98 (29.9)
HOSZSV-32	2 (50.8)	8 (203.2)	109	29.9	435	98 (29.9)
HOSZSV-40	2-1/2 (63.5)	10 (254.0)	87	29.9	348	65 (19.8)
HOSZSV-48	3 (76.2)	14 (355.6)	87	29.9	348	65 (19.8)

\*Maximum Recommended Operating Pressure is taken as 25% of the minimum burst pressure

### Pure-Fit® ZSM Selection Guide



Part Number	Nominal ID	Minimum Bend Radius	Max Recommended Operating Pressure	Minimum Burst	Max Length
	in. (mm)	in. (mm)	(psi) 65°F (18°C)	(psi) 65°F (18°C)	ft (m)
HOSZSM-08	1/2 (12.7)	7.5 (190.5)	145	580	98 (29.9)
HOSZSM-12	3/4 (19.1)	10.5 (266.7)	145	580	98 (29.9)
HOSZSM-16	1 (25.4)	12 (304.8)	145	580	98 (29.9)
HOSZSM-24	1-1/2 (38.1)	18 (457.2)	145	580	98 (29.9)
HOSZSM-32	2 (50.8)	N/A	102	406	98 (29.9)

\*Maximum Recommended Operating Pressure is taken as 25% of the minimum burst pressure

*Pure-Fit®, are registered trademarks of Saint-Gobain Performance Plastics Corporation.*

Distributed by:

**Tri-Canada**

7033 Telford Way #20, Mississauga, ON L5S 1V4  
Tel: 905.677.9000 • Toll Free: 1.800.486.7863  
[www.tricanada.com](http://www.tricanada.com)

**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

**WARRANTY:** For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.

SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.